

ABSTRACT OF THE DISCLOSURE

Plural testing stations are provided for simultaneously testing plural refrigeration systems and include resistive heaters for applying heat to selected portions of the refrigeration systems and include monitoring and control devices and a data acquisition and control system which are connected to a programmable monitoring and controlling computer system. The monitoring and control devices include temperature sensors attached to portions of refrigeration systems and include control devices for controlling the resistive heaters and the refrigeration systems. As a result, simultaneous testing of a plurality of testing stations is automated. The programmable monitoring and controlling computer system collects measurement data and compares the measurement data to reference data to determine if the refrigeration systems pass or fail the tests.

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